

wherein the tangent drawn at the second end of the corner cutting edge is inclined toward the inside of the cutting tool main body as the distance from the proximal end of the cutting tool main body.

3. (New) A throwaway cutting tool according to claim 2, wherein the concave portion is formed so as to be connected to the second end of the corner cutting edge.

4. (New) A throwaway cutting tool according to claim 2, wherein the bottom of the concave portion is formed as a straight line.

5. (New) A throwaway cutting tool according to claim 2, wherein the bottom of the concave portion is formed as a curved concave line.

6. (New) A throwaway cutting tool according to claim 2, wherein the major cutting edge is formed along a tangent of the corner cutting edge drawn at the first end of the corner cutting edge.

7. (New) A throwaway cutting tool according to claim 2, wherein the major cutting edge is formed by folded lines consisting of a tangent of the corner cutting edge drawn at the first end of the corner cutting edge and another line intersecting the tangent at a point distant from the corner cutting edge at an obtuse angle.

8. (New) A throwaway cutting tool according to claim 2, wherein the throwaway insert further comprises a minor cutting edge which is provided on a side edge of the cutting face so as to be connected to an end of the major cutting edge opposite the corner cutting edge, and which is shaped so as to gradually deviate from an extended line of the major cutting edge toward the inside of the cutting face as the distance from the end of the major cutting edge increases.

9. (New) A throwaway cutting tool according to claim 8, wherein the minor cutting edge is shaped in a circular arc.

10. (New) A throwaway insert according to claim 9, wherein the radius of the circular are forming the minor cutting edge is set to be 1 to 100 times D , where D is the diameter of an inscribed circle of the cutting face.

11. (New) A throwaway cutting tool according to claim 2, wherein there is formed a shaft-shaped shank extending along the axis of rotation in the vicinity of the proximal end of the cutting tool main body, and wherein dimensions including the diameter of cutting edge circle of the cutting tool are indicated on a surface of the tip portion of the cutting tool main body.